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Date: January 20, 2010

0-05-106 - 15524/US/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Joshi et al.
Serial no.: 10/541,011
I.A. Filed: December 29, 2003
Title: ENHANCED GENERATION OF HYDROXYL RADICALS
Examiner: Edna Wong
Art Unit: 1795
Confirmation: 9060

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

Supplemental Response

This supplemental response is being submitted to correct a preposition phrase in claim 1, step ii by adding the term "at". Yesterday's response is as follows:

This response is in reply to the office action mailed on November 23, 2009.

Amendments

1. Please amend claim 1, 6 and 8 as shown in the enclosed document. The amendments aim to render the phrasing of the above-mentioned claims clearer.
2. Additional corrections in claims 1 and 8 relate to the Examiner's rejections under §112.

Claim Rejections – 35 USC §112

3. Claims 1 and 8 have been amended to address the Examiner's rejections, which rejections are believed to now be moot.

Claim Rejections – 35 USC §103

4. In the previous Office Action of 05/04/2009, the Examiner relied on Parrish to teach MgO as a catalyst to be combined with CS 274995's (CS'995) teaching, thereby making the instant technique obvious; similarly as the examiner had done in the Office Actions of 11/21/2006, 06/14/2007, 10/12/2007, 03/27/2008, 08/26/2008, and 01/29/2009.

The Examiner has now withdrawn the rejection in regard to unpatentability of claims 1, 4-6, 8 and 11-16 in view of the combined teaching of CS'995, US 6,793,903 (Parrish) and Jen et al., *J. of Chrom. A*, Vol. 796:283-288 (1998). The Examiner has acknowledged the declaration filed on October 1, 2009 is sufficient to overcome said rejection. The Examiner has accepted the conclusions of an expert in radical chemistry, who explained in said declaration that magnesium cannot replace transition metals in catalytic processes.